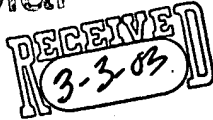


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IN THE CLAIMS

As per 37 C.F.R. 121 (c)(3), the following is a clean version of the entire set of pending claims, including new claims that are being added herewith. A marked up version of Claims 1 and 17 is provided in Attachment A. Note that new claims are not listed in Attachment A. Moreover, claims that are not being amended in the current amendment are also not listed in Attachment A. The canceled claims are also not listed in Attachment A.

546 c' 1. (Amended) A method for transmitting streaming information in a packetized format, the method comprising:

forming a first packet containing information generated over a first duration; and in response to a predetermined event, forming a second packet containing information generated over a second duration, the second duration being longer than the first duration;

wherein duration is the length of time needed to collect the information in real time.

2. (Unamended) The method of Claim 1 wherein:
information for the first packet and information for the second packet is received from a common information generator.

3. (Unamended) The method of Claim 1 wherein:
information for the first packet is generated by an information generator different from another information generator that generates information for the second packet.

4. (Unamended) The method of Claim 1 wherein:
the predetermined event includes an increase beyond a predetermined threshold of processing requirements in a device that receives the first packet and the second packet.

5. (Unamended) The method of Claim 1 wherein:

the predetermined event includes an increase beyond a predetermined threshold in processing requirements in a device that transmits the first packet and the second packet.

6. (Previously amended) A method for transmitting streaming information in a packetized format, the method comprising:

forming a first packet containing information generated over a first duration; and
in response to a predetermined event, forming a second packet containing information generated over a second duration, the second duration being longer than the first duration;

wherein the predetermined event includes an increase beyond a predetermined threshold in processing requirements in a device that transmits the first packet and the second packet; and

wherein information included in the first packet forms a portion of a first stream between a source device and a destination device, and the source device transfers additional information in at least one additional stream to or from another destination device, the method further comprising:

determining occurrence of the predetermined event when a predetermined number is exceeded by a total number of streams, including the additional stream and the first stream.

✓
Please cancel Claims 7-9.

10. (Unamended) The method of Claim 1 wherein:

the first packet has a first size; and
the second packet has a second size, the second size being larger than the first size.

11. (Unamended) The method of Claim 1 further comprising:

forming said first packet and said second packet in conformance with UDP protocol of Internet.

12. (Unamended) The method of Claim 1 further comprising:
digitizing audio to generate the information.

13. (Unamended) The method of Claim 12 further comprising:
encoding the audio subsequent to digitizing.

14. (Previously amended) A method for transmitting streaming information in
a packetized format, the method comprising:

forming a first packet containing information generated over a first duration;

in response to a predetermined event, forming a second packet containing
information generated over a second duration, the second duration being longer than the
first duration;

wherein:

the information includes a plurality of snippets, each snippet having information
received over a predetermined duration; and

the first packet includes a first number of snippets and the second packet includes
a second number of snippets, the second number being greater than the first number.

✓
Please cancel Claim 15.

16. (Unamended) The method of Claim 14 further comprising maintaining a
jitter buffer within a range defined by a maximum size and a minimum size by:

adding two copies of a snippet to the jitter buffer if a current size of the jitter
buffer is smaller than a minimum size;

dropping a snippet if the current size of the jitter buffer is larger than a maximum
size; and

adding the snippet to the jitter buffer if the current size of the jitter buffer is
between maximum size and minimum size.

B2
17. (Amended) A device including:

3

a memory;
an information controller coupled to the memory for storing information in the memory;
a packet controller coupled to the memory for transmitting a plurality of packets stored in the memory; and
a processor that uses information of a first duration as payload in each of said packets prior to occurrence of a predetermined event, and uses information of a second duration as payload after occurrence of the predetermined event;
wherein duration is the length of time needed to collect the information in real time.

18. (Unamended) The device of Claim 17 wherein:
the predetermined event is related to processing requirements of said processor.

19. (Unamended) The device of Claim 18 wherein:
the predetermined event is related to deterioration in performance of the processor; and
the second duration is longer than the first duration.

20 (Unamended) The method of Claim 14 wherein:
the second number is a multiple of the first number.

21. (Unamended) A method for transmitting streaming information in a packetized format, the method comprising:
forming a first packet containing information generated over a first duration; and
in response to a predetermined event, forming a second packet containing information generated over a second duration;
wherein the predetermined event is related to deterioration in performance, and
the second duration is longer than the first duration.

22 (Unamended) The method of Claim 21 wherein:

the second packet has a larger payload than the first packet.

Please add the following new claims.

- B3
23. (New) The method of Claim 1 further comprising:
digitizing video to generate the information.
24. (New) The method of Claim 6 further comprising:
digitizing video to generate the information.
25. (New) The method of Claim 6 further comprising:
digitizing audio to generate the information.
26. (New) The method of Claim 14 further comprising:
digitizing video to generate the information.
27. (New) The method of Claim 14 further comprising:
digitizing audio to generate the information.
28. (New) The method of Claim 21 further comprising:
digitizing video to generate the information.
29. (New) The method of Claim 21 further comprising:
digitizing audio to generate the information.
30. (New) The method of Claim 20 wherein:
the multiple is 2.
31. (New) A method for transmitting streaming information in a packetized
format, the method comprising:
forming a first packet containing information generated over a first duration;

receiving a second packet and determining occurrence of a predetermined event based on the second packet; and

in response to a predetermined event, forming a third packet containing information generated over a second duration, the second duration being longer than the first duration.

32. (New) The method of Claim 31 wherein the second packet includes information to be played over a duration longer than the first duration, the method includes:

using the longer duration to decide occurrence of said predetermined event.

* 33. (New) The method of Claim 32 wherein:
information in the second packet is part of a conference call.

34. (New) A method for transmitting streaming information in a packetized format, the method comprising:

forming a first packet containing information of a first quality; and

in response to a change in system performance, forming a second packet containing information of a second quality that is different from the first quality;

wherein the system performance is performance as a whole of:

a device that forms the packets; and

a network that carries the packets.

35. (New) The method of Claim 34 wherein:
the change in system performance represents a reduction; and
the second quality is poorer than the first quality.

36. (New) A method for transmitting streaming information in a packetized format, the method comprising:

forming a first packet containing a first number of snippets; and

in response to an increase in processing requirements, forming a second packet containing snippets of a second number that is larger than the first number.

37. (New) The method of Claim 36 wherein:
the first packet belongs to an existing stream; and
the second packet belongs to a new stream.

38. (New) The method of Claim 36 wherein:
the first packet belongs to an existing stream; and
the second packet also belongs to said existing stream.

39. (New) The method of Claim 36 wherein:
the increase in processing requirements occurs in a device that generates the
packets.

40. (New) The method of Claim 36 wherein:
the increase in processing requirements occurs in a device that handles the
packets.

41. (New) The method of Claim 36 wherein:
the packets are formed by a source device; and
another device informs the source device about the increase.

42. (New) The method of Claim 41 wherein:
said another device informs the source device via an out of band signal.

43. (New) The method of Claim 41 wherein:
said another device informs the source device via one or more bits in the header
of a packet to be transmitted to the source device.

44. (New) The method of Claim 41 wherein:

the first packet and the second packet belong to a first stream (hereinafter "source stream");

said another device generates and transmits another stream (hereinafter "return stream") to the source device; and

said another device informs the source device about need for the increase via an increase in payload size of the return stream.

45. (New) The method of Claim 36 wherein:
the packets are formed by a source device; and
the increase in processing requirements occurs in a network that is connected to the source device and carries the packets.

46. (New) The method of Claim 36 wherein:
the packets are formed by a source device; and
the increase in processing requirements occurs in the source device.

3
47. (New) The method of Claim 36 wherein:
the increase in processing requirements is caused by an increase in a number of streams being generated by a device that generates the packets.

48. (New) The method of Claim 36 wherein:
the increase in processing requirements is indicated by an increase in a number of page faults in a device that generates the packets.

49. (New) The method of Claim 36 wherein:
the increase in processing requirements is indicated by an increase in percentage of CPU utilization in a device that generates the packets.

50. (New) The method of Claim 36 wherein:
the increase in processing requirements is indicated by an increase in a number of packets being transmitted at a port.

51. (New) The method of Claim 36 wherein:
a destination device that receives the packets holds the snippets temporarily in a jitter buffer before playing information contained in the snippets; and
the destination device uses the jitter buffer to average out variations in inter-arrival duration so that snippets are played out at a uniform rate.

52. (New) The method of Claim 51 further comprising maintaining said jitter buffer within a range defined by a maximum size and a minimum size by:
adding two copies of a snippet to the jitter buffer if a current size of the jitter buffer is smaller than a minimum size.

53. (New) The method of Claim 51 further comprising maintaining said jitter buffer within a range defined by a maximum size and a minimum size by:
dropping a snippet if a current size of the jitter buffer is larger than a maximum size.

54. (New) The method of Claim 36 further comprising:
digitizing audio to generate the snippets.

55. (New) The method of Claim 36 further comprising:
digitizing video to generate the snippets.

56. (New) The method of Claim 36 wherein:
use of the second number of snippets is selective.

57. (New) The method of Claim 36 wherein:
use of the second number of snippets is selective based on a telephone number.

58. (New) A method for transmitting streaming information in a packetized format, the method comprising:

transmitting packets for a stream using an initial payload size; and
transmitting packets of an increased payload size, in response to any of:

- an increase in processing requirements; and
- an increase in payload size of packets being received.

59. (New) The method of Claim 58 wherein:
packets of increased payload size are transmitted for said stream.

60. (New) The method of Claim 58 wherein:
packets of increased payload size are transmitted for a new stream.

61. (New) The method of Claim 58 wherein:
the initial payload size is equal to a first number of snippets; and
the increased payload size is equal to a second number of snippets;
the second number being larger than the first number.

62. (New) The method of Claim 58 wherein:
the increased payload size is twice the initial payload size.

63. (New) A device including:
a memory;
an information controller coupled to the memory for storing information snippets
in the memory;
a packet controller coupled to the memory for transmitting a plurality of packets
stored in the memory; and
means for forming a first packet containing a first number of snippets and for
forming a second packet containing snippets of a second number that is larger than the
first number in response to an increase in processing requirements.

64. (New) The device of Claim 63 wherein:
the processing requirements increase happens inside said means.

65. (New) The device of Claim 63 wherein:
the processing requirements increase happens inside a network to which said
means transmits said packets.

66. (New) The device of Claim 63 wherein:
said means is hereinafter "transmission means";
the memory comprises a jitter buffer; and
the device further comprises reception means for receiving packets from a
network;

wherein the reception means uses the jitter buffer to average out variations in
inter-arrival duration of packets being received so that snippets of received packets are
played out at a uniform rate.

67. (New) The device of Claim 66 further comprising:
means for adding two copies of a snippet to the jitter buffer if a current size of the
jitter buffer is smaller than a minimum size.

68. (New) The device of Claim 66 further comprising:
means for dropping a snippet if a current size of the jitter buffer is larger than a
maximum size.

69. (New) A device comprising:
means for forming a first packet containing information collected over a first
length of time in real time; and
means, responsive to a predetermined event, for forming a second packet
containing information collected over a second length of time in real time.

70. (New) The device of Claim 69 further comprising:
means for transmitting the packets, wherein:
the first packet belongs to an existing stream transmitted by the device; and

the second packet belongs to a new stream to be transmitted by the device.

71. (New) The device of Claim 69 further comprising:

means for transmitting the packets, wherein:

the first packet belongs to an existing stream transmitted by the device; and

the second packet belongs to said existing stream.

72. (New) The device of Claim 69 wherein:

the predetermined event includes an increase beyond a predetermined threshold of processing requirements in another device that receives the first packet and the second packet.

73. (New) The device of Claim 69 wherein:

the predetermined event includes an increase beyond a predetermined threshold of processing requirements in said device.